

CC-Link IE Field Network-Compatible Remote IO-Link Modules

CC-Link IE



CC-Link IE Broadcast

CC-Link IE Field Network-compatible remote IO-Link modules

CC-Link IE Field Network-compatible remote IO-Link modules are available as standard or waterproof (IP67) type. The module can control IO-Link standard devices as the IO-Link master module, contributing to IoT in the factory.

IO-Link

IO-Link is a digital communication standard for sensors/actuators used in the shop floor. In addition to accurate communication of measurement values and operation values between sensors/actuators and the controller, parameter data and event data which cannot be handled by analog IOs are also transmitted.

Highlights

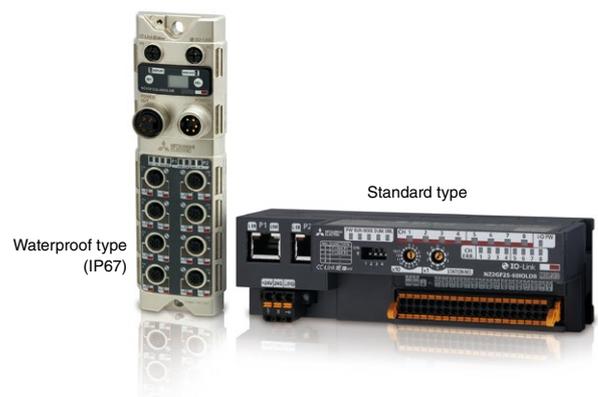
- Easy programming reduces engineering time
- Simple configuration
- Immediately detect deterioration and errors
- Automatic parameter registration after sensor replacement

Reduce engineering time and costs with simple programming

Various settings of IO-Link module can be easily done using programming software. In addition, IO-Link cables enable wiring of supported devices, realizing simple configuration. Engineering time for configuration and equipment cost can be reduced.

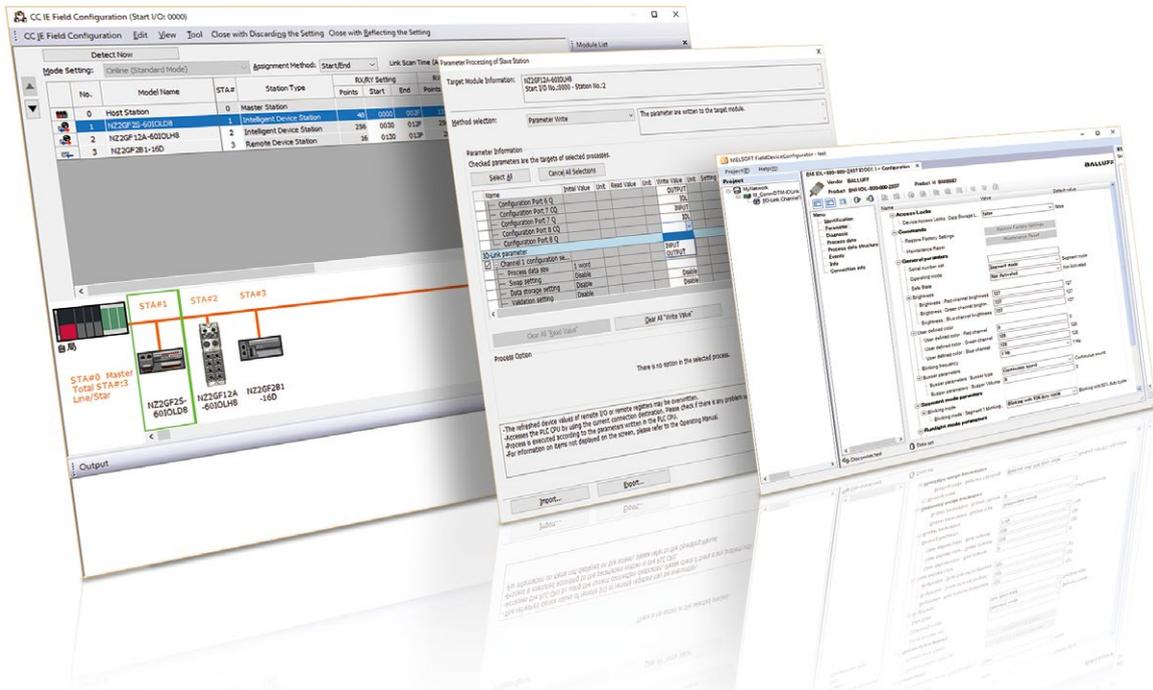
Faster troubleshooting and parameter restoration

Sensitivity deterioration and error information such as a disconnected cable can be checked on the computer, allowing prompt detection of the error cause. Parameters set in the IO-Link devices are automatically uploaded to the IO-Link module. Therefore, parameter settings are uploaded even if a fault device is replaced with a same type device.



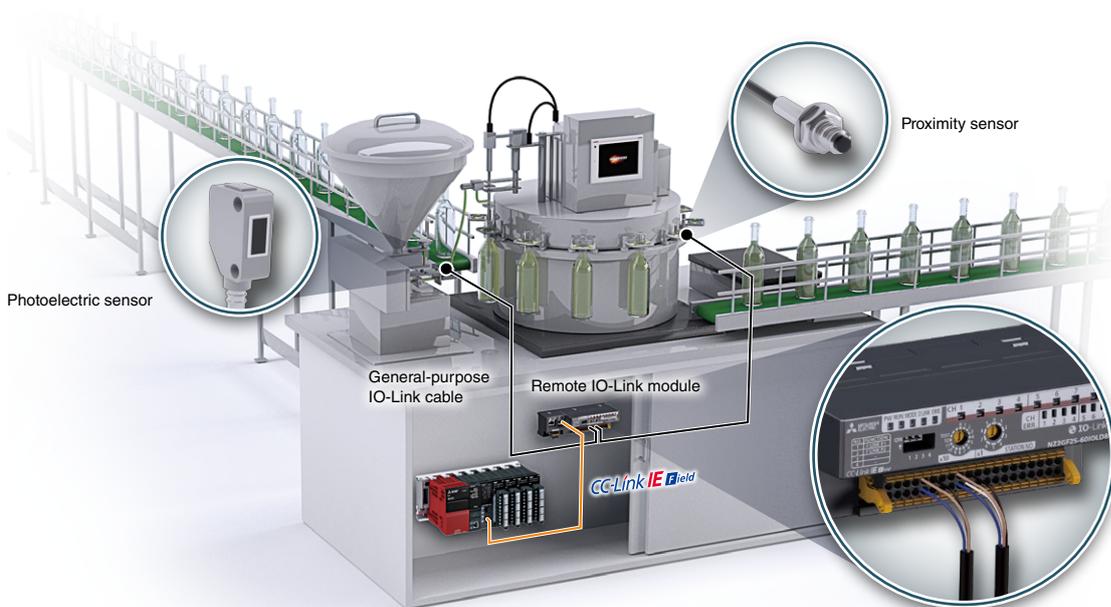
Easy programming reduces engineering time

Operation settings of the IO-Link module and parameter settings of the IO-Link devices can be easily done on the intuitive parameter setting screen using engineering software (GX Works3, GX Works2, MELSEC Field Device Configuration). Configuration is easily done without referring to manuals, reducing engineering cost.



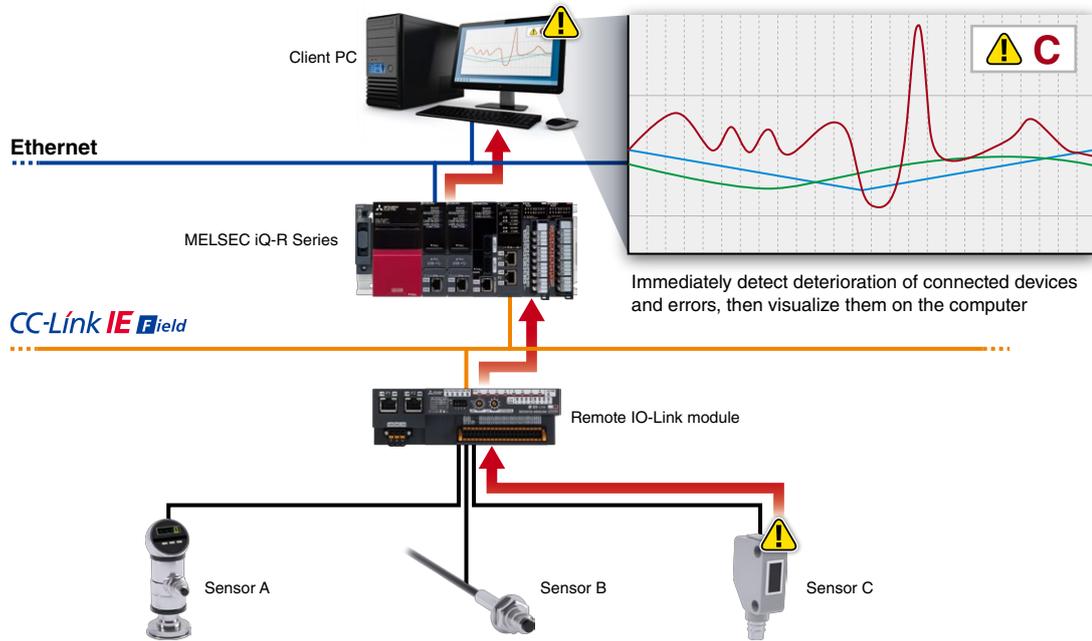
Simple configuration

The IO-Link module realizes simple configuration through the use of standard cables (IO-Link cable). Control modules according to connected devices and dedicated cables are no longer required. Reduced wiring and standardized cables are realized, thereby reducing costs for equipment.



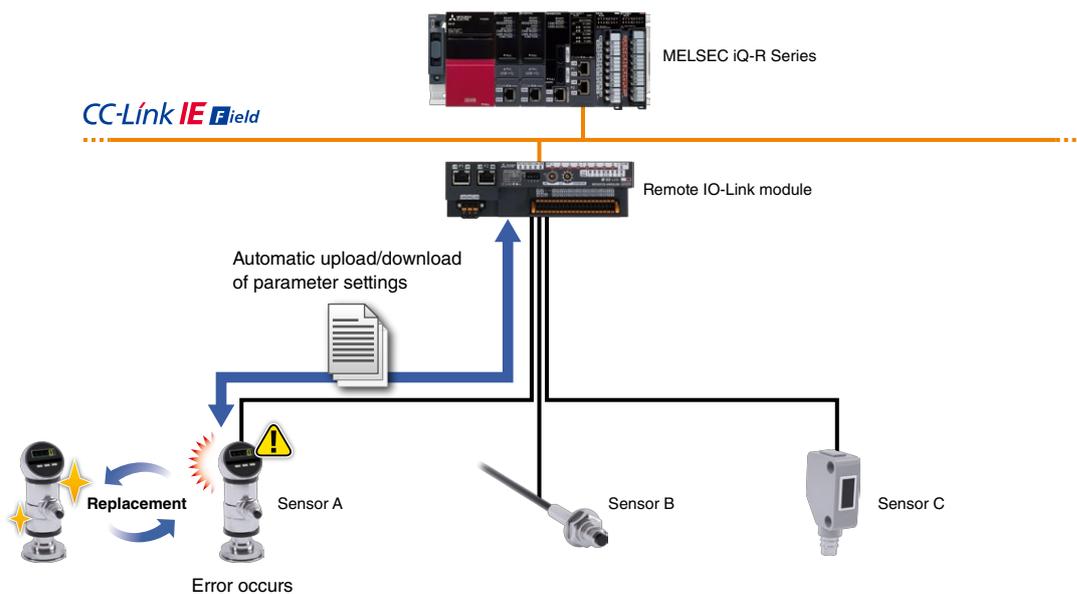
Immediately detect deterioration and errors

Operating status can be monitored by checking disconnected cable and diagnosis information of devices on the computer. This makes it possible to see the actual fault occurring such as cable disconnection and device fault, thereby reducing time to find the error in the equipment.



Automatic parameter registration after sensor replacement

Parameters set in the IO-Link devices are automatically saved in the IO-Link module. Even if a fault device is replaced with a same type device, parameter settings can be restored by automatic download. Therefore, there is no need to set parameters with a dedicated tool, reducing time for device replacement.



Lineup

Remote IO-Link modules

- Support CC-Link IE Field Network
- Control IO-Link standard devices as the IO-Link master module
- The waterproof connector does not require a control cabinet, saving on hardware cost and space

Spring clamp terminal block type

NZ2GF2S-60IOLD8 **NEW**

Performance specifications

Model	Number of IO-Link channels	Rated load voltage/ Rated load current (L+)*1	Transmission speed*2	IO-Link compatible protocol	Waterproof (IP67)
NZ2GF2S-60IOLD8	8 ch	24 V DC (1.6 A)	4.8 kbaud (COM1) 38.4 kbaud (COM2) 230.4 kbaud (COM3)	V1.1.2	-



Waterproof connector

NZ2GF12A-60IOLH8

Performance specifications

Model	Number of IO-Link channels	Rated load voltage/ Max. load current (L+)*1	Transmission speed*2	IO-Link compatible protocol	Waterproof (IP67)
NZ2GF12A-60IOLH8	8 ch	24 V DC (1.3 A)	4.8 kbaud (COM1) 38.4 kbaud (COM2) 230.4 kbaud (COM3)	V1.1.2	●



*1. Power supply line to IO-Link devices.

*2. Transmission speed differs according to IO-Link devices connected.

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⚠ For safe use

• To use the products listed in this publication properly, always read the relevant manuals before use.

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